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AUTHOR	Olson, Tom; And Others
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ABSTRACT

WISE-ONE, an information retrieval system, was designed to facilitate searches of the documents cataloged by the ERIC centers and distributed as ERIC RESUMAST master files. WISE-ONE is written to search for documents cataloged under any of the three indices (descriptors, identifiers, and author name), called search keys, and will yield the ERIC accession number, author, and title associated with the selected documents. This booklet explains the step-by-step procedure for using the WISE-ONE system at the University of Wisconsin. (JK)

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WISCONSIN INFORMATION SYSTEMS FOR EDUCATION (WISE)

User Documentation WISE-ONE*

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Tom Olson
with
Donald N. McIsaac
Dennis W. Spuck

Introduction

The Educational Resources Information Center (ERIC) program was designed and is supported by the U. S. Office of Education to facilitate ready access to literature relevant to education. These centers collect, abstract, classify and catalog this information and publish resumes of all reports in Research in Education. While a manual search of the thousands of documents catalogued each month is possible, this process is extremely time-consuming and frequently overlooks some documents. WISE-ONE, an information retrieval system, was designed to facilitate searches of the documents catalogued by the ERIC centers and distributed as ERIC RESUMAST master files.

Documents catalogued in the ERIC files are indexed by information descriptors, identifiers and author name. Descriptors characterize the substantive content of the report and are themselves indexed in the ERIC Thesaurus of Descriptors. Additional terms not listed in the Thesaurus, but which are useful in describing a particular document are called Identifiers. Catalogued information is also addressable by the name of any author associated with it. WISE-ONE is written to search for documents

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catalogued under any of the three indices called search keys, and will yield the ERIC Accession Number, Author and Title associated with the selected documents.

Log In

To log into the 1108 system using a teletype, it is necessary to do the following:

1. Dial 3-1108. When phone rings, place it into acoustic coupler. If there is a busy signal, wait and dial again.
2. Type in UWTTXY, if nothing happens retype UWTTXY followed by a carriage return, if nothing happens, hang up and go back to Step 1.

   If the 1108 responds with

   NO RUN ACTIVE

   or

   MACC 26.29 TTY UWTTNN

   Enter the run card

   "@RUN ERIC,1638,8873 carriage return"

   The 1108 will respond with a message then

   "PASSWORD PLEASE"

   Enter

   ERIC

   The 1108 will respond

   "CONTINUE"

Operation of WISE-ONE

Once logged into the 1108, the user may invoke WISE-ONE by the following statement:

@WISE*LIB.WISE-ONE ERIC.

The valid options are:

H - indicates a Hazeltine terminal is in use, otherwise a teletype is assumed.

P - causes the search file to be permanently catalogued, otherwise the file will be destroyed at the end of the run. When the P option is used, subsequent runs do not require the tape to be loaded, but there is a file storage change. The cost of bringing up the data base with no permanent storage is about $4.00. The cost of daily storage of the file is about $15.00. If one anticipates about 4 or 5 users in a day, the P option is recommended.

T - this option causes the system to print out time information during the searches.

If no options are used, the "," is omitted.

Example 1:

@WISE*LIB.WISE-ONE,THP ERIC.

This is the correct statement to:

1. Print the search times
2. Operate from Hazeltine terminal
3. Catalog the file for the remainder of the day and print search times.

Example 2:

@WISE*LIB.WISE-ONE ERIC.

This is the correct statement to execute WISE-ONE from a teletype with no selected options.

Following log-in and execution of WISE-ONE, the system will respond with a heading and then will give the user the option of requesting the output to be printed on a high speed printer. A YES response will cause

the system to request a specific device. The standard device allocations are available. For general use PR1 is recommended. Printed output may be picked up at the Madison Academic Computing Center after completion of the interactive run.

The system then asks if the user requires titles and authors. A YES response will give the user a title and author for each ERIC reference on both the teletype and on the printer if high speed printout was requested A NO will delete the title and author file, thus eliminating the title author option. When cataloging the file for the day (P Option) a YES response is recommended.

After the options have been given, WISE-ONE will then decide if it is necessary to load the search file from tape. If necessary, the system will print a message and there will be a five-minute delay while the tape is loaded. When the system is ready, it will print the message.

ERIC DATA BASE CREATED
PROCEED

DDYYMM(Day, Year and Month file was created)
DATA FILE WAS CREATED

The left arrow prompts the user to enter a descriptor or identifier. A summary of the search is then listed. The user may then enter a search operator to expand or limit the search.

The legal operators include:

AND — The system will exclude from the search que those references which do not interact with the next identifier. The search que will contain only those listings referenced by identifiers or descriptors both preceding and following the operator.

OR — The system will include all additional references in the search que which match the next descriptor or identifier.

NAND — The system will exclude from the search que all references which intersect. This operation is equivalent to a "BUT NOT" logic.

END Stops the search logic and causes LIST.

LIST List the present search que on the printer.

OPEN This command in conjunction with the close command allows the user to nest his searches. See example.

CLOSE This command closes the logic of the current search level. See example.

QUIT Stop the search and quit.

After QUIT has been entered, it is necessary to log off the system.

Log Out Procedures

@FIN

followed by a:

CNTRL D

A sample run follows: